AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

(Currently amended) A conveyance device for conveying a load,
 comprising:

a load supporting device having a through hole with a top opening, <u>a</u> bottom opening, and an inner circumferential plane, the through hole passing in a gravity direction and being for allowing [[a]] the load to move through the top opening of the through hole and through the bottom opening of the through hole without changing [[the]] <u>a</u> size of the through hole; and

a fluid supplying device to supply for supplying a fluid into the through hole through the inner circumferential plane of the through hole to float [[a]] the load in a first position within the through hole and to vary the for varying a net force in the gravity direction to move the load from the first position through the bottom opening of the through hole,

wherein a porous material is provided at least at a portion of the inner circumferential plane of the through hole.

2. (Original) The conveyance device of claim 1, wherein a top section of the through hole has a tapered wall section whose inside diameter increases toward a top open end.

- 3. (Original) The conveyance device of claim 2, wherein a taper angle of the tapered wall section is greater than 0 degree and less than 90 degrees.
- 4. (Currently amended) The conveyance device of claim 2, wherein a height of the tapered wall section is greater than 0.2 times and less than 2.0 times [[the]] <u>a</u> height of the load.
- 5. (Currently amended) The conveyance device of claim 2, wherein a tapered end section having [[the]] <u>a</u> taper angle greater than that of the tapered wall section[[,]] is formed on [[a]] <u>the</u> top open end of the tapered wall section.

6-7. (Canceled)

- 8. (Currently amended) The conveyance device of claim [[7]] 1, wherein a porosity ratio of the porous material is 1% or more and 30% or less.
- 9. (Currently amended) The conveyance device of claim [[7]] 1, wherein the porous material is graphite.

10. (Currently amended) The conveyance device of claim 1, further comprising:

a shutter member which is positioned lower than the fluid supplying device and movable between a position for closing at least a [[part]] portion of the through hole and a position for opening the through hole.

- 11. (Currently amended) The conveyance device of claim 1, wherein a pressure and/or an amount of the fluid [[to be]] supplied are changeable.
- 12. (Original) The conveyance device of claim 1, further comprising:

 a heating device for raising a temperature of the fluid to be higher than a room temperature.
- 13. (Original) The conveyance device of claim 1, wherein the load is conveyed in a heated and fused condition.
- 14. (Currently amended) The conveyance device of claim 1, wherein a deviation from <u>a</u> spherical form of the load is half or less than <u>an</u> average radius R of the load.

15-16. (Canceled)

17. (Original) The conveyance device of claim 1, wherein the fluid is a gas of a nitrogen concentration at 60 mol % or more.

18-22. (Canceled)

23. (Currently amended) A conveyance method, comprising:

a step of dropping a load from a top end of a through hole, the through hole which is passing through a load supporting device in a gravity direction[[,]];

a step of supporting the load denying gravity, by supplying a fluid into the through hole[[, and]];

a step of stopping [[a]] support of the load by changing a flowing condition of the fluid without changing a size of the through hole[[,]]; and

allowing the load to break away from a bottom end of the through hole.

- 24. (Currently amended) The conveyance method of claim 23, wherein the flowing condition of the fluid is varied by changing \underline{a} pressure and/or \underline{an} amount of the fluid.
- 25. (Currently amended) The conveyance method of claim 23, wherein the flowing condition of the fluid is varied by closing at least a [[part]] <u>portion</u> of the through hole.

26. (Currently amended) The conveyance method of claim 23, further comprising:

a step of heating the fluid.

- 27. (Original) The conveyance method of claim 23, wherein the load is conveyed while the load is heated and fused.
- 28. (Currently amended) The conveyance method of claim 23, wherein a deviation from <u>a</u> spherical form of the load is half or less than <u>an</u> average radius R of the load.
 - 29. (Original) The conveyance method of claim 23, wherein the load is glass.
- 30. (Original) The conveyance method of claim 23, wherein the load is plastic.
- 31. (Original) The conveyance method of claim 23, wherein the fluid is a gas of a nitrogen concentration at 60 mol % or more.
- 32. (Currently amended) A conveyance device for conveying a load, comprising:

a load supporting device having a through hole with a top opening and a bottom opening, the through hole passing in a gravity direction and being for allowing [[a]] the

load to move through the top opening of the through hole and through the bottom opening of the through hole;

a fluid supplying device to supply for supplying a fluid into the through hole to float [[a]] the load in a first position within the through hole and to move for moving the load from the first position through the bottom opening of the through hole; and

a shutter member positioned lower than the fluid supplying device and [[being]] movable between a first position for closing at least a [[part]] <u>portion</u> of the through hole and a second position for opening the through hole; [[and]]

wherein when the shutter member is in the first position and the fluid is being supplied to the through hole, the load conveying device can float [[a]] the load within the through hole, and when the shutter member is in the second position, the load conveying device can move [[a]] the load through the bottom opening to an outside portion without moving the through hole.

- 33. (Previously Presented) The load conveyance device of claim 32, wherein a top section of the through hole has a tapered wall section whose inside diameter increases toward a top open end.
- 34. (Previously Presented) The load conveyance device of claim 33, wherein a taper angle of the tapered wall section is greater than 0 degree and less than 90 degrees.

- 35. (Currently amended) The load conveyance device of claim 33, wherein a height of the tapered wall section is greater than 0.2 times and less than 2.0 times [[the]] a height of the load.
- 36. (Currently amended) The load conveyance device of claim 33, wherein a tapered end section having [[the]] <u>a</u> taper angle greater than that of the tapered wall section[[,]] is formed on [[a]] the top open end of the tapered wall section.
- 37. (Previously Presented) The load conveyance device of claim 32, wherein the fluid supplying device supplies the fluid through an inner circumferential plane of the through hole.
- 38. (Currently amended) The load conveyance device of claim 32, wherein <u>a</u> pressure and/or <u>an</u> amount of fluid [[to be]] supplied are changeable.
- 39. (Previously Presented) The load conveyance device of claim 32, further comprising:

a heating device for raising a temperature of the fluid to be higher than a room temperature.

40. (Previously Presented) The load conveyance device of claim 32, wherein the load is conveyed in a heated and fused condition.

- 41. (Currently amended) The load conveyance device of claim 32, wherein a deviation from <u>a</u> spherical form of the load is half or less than <u>an</u> average radius R of the load.
- 42. (Previously Presented) The load conveyance device of claim 32, wherein the fluid is a gas of a nitrogen concentration at 60 mol % or more.
 - 43. (Currently amended) A conveyance method, comprising:

a step of dropping a load from a top end of a through hole, the through hole which is passing through a load supporting device in a gravity direction[[,]];

a step of supporting the load denying gravity, by supplying a fluid into the through hole, wherein a shutter member closes which is closing at least a [[part]] portion of a bottom portion of the through hole by a shutter member, and;

a step of stopping [[a]] support of the load by opening the shutter member without moving the through hole[[,]]; and

allowing the load to break away from a bottom end of the through hole.

44. (Currently amended) The conveyance method of claim 43, further comprising:

a step of heating the fluid.

45. (Previously Presented) The conveyance method of claim 43, wherein the load is conveyed while the load is heated and fused.

- 46. (Currently amended) The conveyance method of claim 43, wherein a deviation from <u>a</u> spherical form of the load is half of less than <u>an</u> average radius R of the load.
- 47. (Previously Presented) The conveyance method of claim 43, wherein the load is glass.
- 48. (Previously Presented) The conveyance method of claim 43, wherein the fluid is a gas of a nitrogen concentration at 60 mol % or more.
- 49. (Currently amended) The conveyance method of claim 23, wherein the flowing condition of fluid is varied by opening and closing a shutter member during supplying when the fluid is supplied into the through hole.